

RECEIVED

AUG 26 1999

35.C11250 C1

OFFICE OF PETITIONS  
A/C PATENTS

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
Manabu KATO ) :Examiner: D. Schuberg  
Appln. No.: 08/951,635 ) :Group Art Unit: 2872  
Filed: October 17, 1997 ) :  
For: SCANNING OPTICAL ) August 26, 1999  
APPARATUS ) :

The Assistant Commissioner for Patents  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the document listed on the enclosed Form PTO-1449. A copy of the listed document is also enclosed.

U.S. Patent No. 5,883,732 claims, in an optical scanner having a source of a light beam, a deflector for deflecting said light beam and an imaging lens that focuses the deflected light beam to form a beam spot on a surface to be scanned, the improvement wherein the curvatures in a sub-scanning direction of at least two of the surfaces of said imaging lens vary continuously along a main scanning direction over the effective area of said imaging lens and

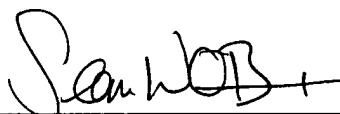
independently of the curvatures in the main scanning direction, and wherein the curvatures in the main and sub-scanning directions are non-symmetrical with respect to the optical axis.

CONCLUSION

Applicant respectfully requests that the Examiner consider the above information and return an initialled copy of the enclosed Form PTO-1449 indicating that such information has been considered.

Applicant's undersigned attorney may be reached in our Washington office by telephone at (202) 530-1010. All correspondence should continue to be directed to our below listed address.

Respectfully submitted,



Attorney for Applicant

Registration No. 37,689

FITZPATRICK, CELLA, HARPER & SCINTO  
30 Rockefeller Plaza  
New York, New York 10112-3801  
Facsimile: (212) 218-2200

F508\W189520\SWO\llp

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)Date Submitted to PTO: **August 26, 1999**ATTY DOCKET NO.  
**35.C11250 C1**APPLICATION NO.  
**08/951,635**APPLICANT  
**Manabu KATO**FILING DATE  
**October 17, 1997**GROUP  
**2872****RECEIVED**  
**NOV 26 1999**  
**OFFICE OF PETITIONS**  
**A/C PATENTS**

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		<b>5,883,732</b>	<b>3/1999</b>	<b>Takada et al.</b>	<b>359</b>	<b>207</b>	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 1 of 1